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UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE  
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

MONONA COUNTY



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County Statistical Bulletin

No. 52

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Office of the Agricultural Statistician  
305 United States Court House  
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE  
Division of Agricultural Statistics  
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IOWA STATE COLLEGE EXTENSION SERVICE  
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# IOWA AGRICULTURAL STATISTICS - MONONA COUNTY

County Statistical Bulletin No. 52

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## FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of a historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 28 and 30.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director  
Division of Agricultural Statistics

Des Moines, Iowa  
September, 1940



## IOWA AGRICULTURAL STATISTICS - MONONA COUNTY

Monona County was established in 1851 from territory originally included in Benton County. The name is of Indian origin. In 1865 a tier of townships which were originally embraced in Monona County were detached and given to Crawford County.

The first permanent settler was Isaac Ashton, who, in 1852, made a claim about two miles north of the present site of Onawa. Josiah Sumner located near-by and, in the same year, Aaron Cook settled on the bank of the Missouri River, about seven miles southwest of Onawa. This place was later known as Cook's Landing.

In 1854, Charles B. Thompson, a Mormon leader with several followers, settled on Soldier Creek. During the year, he was joined by about fifty Mormon families who preëmpted several thousand acres of the best lands in that vicinity. Thompson laid out a town called Preparation. A quarrel arose among the members of the colony, litigation followed, and the members gradually disposed of their lands and moved to other parts.

The county government was formally organized in 1854 and the county business was transacted at the Mormon town of Preparation. In the fall of 1854, the new town of Ashton was selected for the county-seat.

In 1857, the Monona Land Company laid out the town of Onawa and in 1858 a vote of the people located the county-seat at that place.

The Sioux City and Pacific Railroad was the first road built through the county. 1/

## Area

Monona County contains 686 square miles 2/, or 439,040 acres. Of this number, 417,119 acres are listed as farm lands. 3/ There are 19 townships in the county and it ranks fifteenth in point of size in the State. Winneshiek County has the same area.

## Climate

The average temperature for the 41 years between 1889 and 1930 was 48.0 degrees. The average precipitation for the 55 years between 1875 and 1930 in this county was 31.35 inches, and the growing season averaged 159 days between the dates of the killing frosts of May 2 and October 8, recorded from 1900 to 1930. 4/

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- 1/ Gue, B. F., History of Iowa. vol. III, pp. 389-390. The Century History Co., New York City. 1903.
  - 2/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. vol. I, pp. 362-363.
  - 3/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 15.
  - 4/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 50--Western Iowa. pp. 6, 15, 19. 1933.



## Population

The first State Census, 1854, credited Monona County with 222 inhabitants. There has been no spectacular population growth, but a steady increase has continued and in 1930 there were 18,213 residents in the county. It has a density of 27 persons per square mile, as compared with the State density of 44. The following table shows the number of inhabitants at 10-year enumerations:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1860	862	-	-
1870	3,654	-	-
1880	9,055	-	-
1890	14,515	-	-
1900	17,980	5,108	12,962
1910	16,633	5,689	10,944
1920	17,125 <u>5/</u>	6,530 <u>6/</u>	10,595
1930	18,213 <u>7/</u>	7,061	11,152
1935	-	-	10,264 <u>8/</u>

The foreign born and native white of foreign born or mixed parentage content of Monona County in 1930 was 4,300 or 23.6 percent of the total population. Of this number, those of Danish descent led with 1,013, the Norwegians came next with 970, the Germans followed with 509 and the Swedes had 480. Other nationalities had much smaller representations, 9/

## Cooperatives

In 1937 there were eight cooperative institutions in operation in this county—six elevators and two petroleum plants.

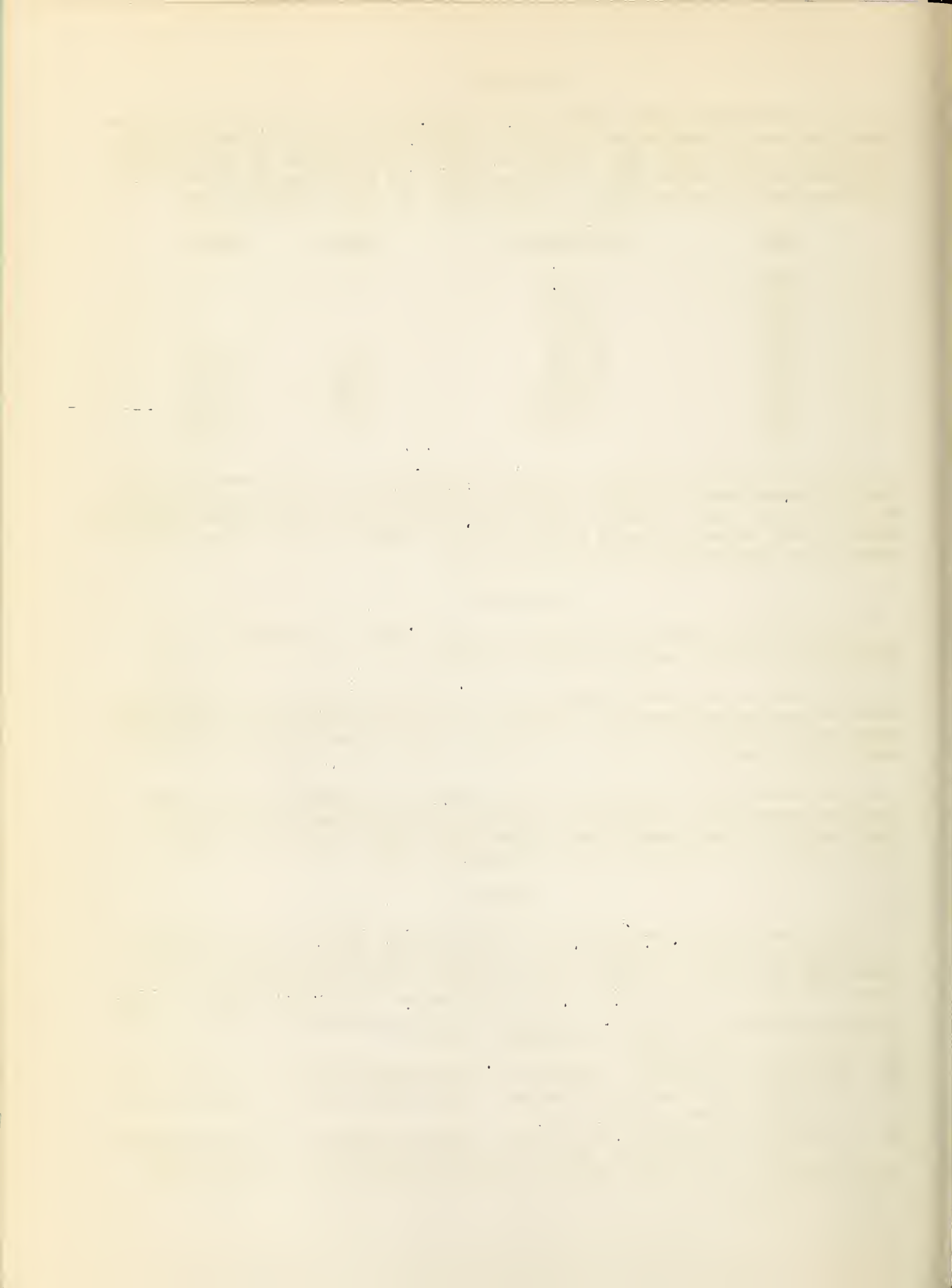
As a whole, they had 728 members of which 510 were active, and 3,040 persons did business with the eight concerns. The selling cooperatives had a business volume of \$1,233,090 and the purchasing cooperatives transacted \$179,010 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 10/

## Fruit

The largest apple record, both as to the number of trees and production, was in 1909. The record shows that 59,876 trees and 106,125 bushels were reported for that year. In 1934, there were 8,416 trees and 4,588 bushels reported. Peaches have never been of any consequence. The largest number of plum

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- 5/ Census of Iowa. 1925. pp. 712-713. 1926.
  - 6/ Ibid. pp. 925 et seq.
  - 7/ Iowa Official Register, 1937-1938. Thirty-Seventh Number. pp. 368 et seq.
  - 8/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 15.
  - 9/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. vol. III, Part 1, Tables 18-19. pp. 785-788.
  - 10/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.



trees were reported in 1894, and the largest production in 1909. There were 25,561 trees and 3,981 bushels reported in these years. Cherries had a record of 6,213 trees and 1,224 bushels in 1909. Grapes had 19,643 vines in 1894 and 74,395 pounds in 1909. These are the years of greatest numbers and greatest production respectively. 11/

#### Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the state assessors' office because it was felt that farmers on those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

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- 11/ Sources: 1. Census of Iowa. 1875, 1885, 1895.  
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.  
 3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.



TABLE 1  
LAND UTILIZATION AND YIELDS, 1929-1933  
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2151	407057	189	163399	43	39924	31	38192	20	3861	14
1930	2145	415401	194	167754	28	43296	30	47746	24	5555	15
1931	2108	412748	196	174074	30	40454	30	41704	23	4862	19
1932	2117	415586	196	179413	40	42266	33	26664	14	5701	8
1933	2185	418084	191	184529	35	59409	17	21369	20	4836	15
1934	2194	421974	192	136788	14	20236	9	16255	3	2104	3
1935	2152	420727	196	143315	33	52290	25	36641	20	4847	11
1936	2122	418551	197	161407	4	23875	12	29763	22	1456	15
1937	2082	420168	202	155658	33	27585	37	52084	24	1387	14
1938	2012	423510	201	152333	55	31268	29	48280	15	3361	14
10 Yr. Ave.	2137	417381	195	161867	30	36060	26	35870	20	3797	13
Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	6262	24	3	29	53	261	928	9146	13769		
1930	4264	24	26	18	20	24	759	9940	13660		
1931	4087	25	42	19	22	-	897	11623	16205		
1932	5314	21	19	18	-	-	310	12449	17179		
1933	7336	16	2	10	-	18	956	13597	22592		
1934	3173	9	7	1	-	-	509	13015	26310		
1935	8635	24	127	16	7	-	942	14049	21101		
1936	5760	11	171	4	6	4	952	16263	22981		
1937	4617	30	184	10	-	-	848	19466	23842		
1938	5040	24	226	12	-	-	849	16342	21009		
10 Yr. Ave.	5449	21	81	11	11	31	795	13570	19865		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	4883	98716	2183	16399	2866	9767	5847				
1930	2919	99011	1695	16659	2444	7537	2056				
1931	2026	97252	1522	16797	3132	8335	1337				
1932	1395	97020	1341	17882	3056	7988	10038				
1933	1400	98737	1491	16998	1102	7667	9661				
1934	1300	115716	2431	17910	2314	10633	66283				
1935	1379	109807	5379	18123	1920	10374	5340				
1936	1354	112575	3248	18361	2251	9538	24853				
1937	1316	107355	5995	18271	2829	10391	7806				
1938	970	105345	5248	18406	1626	12631	16918				
10 Yr. Ave.	1895	104153	3053	17581	2354	9487	15064				

10 Yr. Ave. Acres - Rye 1241

Popcorn 63 Flaxseed 162

(Acreages also shown in "All Other Crops.")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statis-

tics, Iowa Department of Agriculture.

TABLE 2  
ACREAGE AND YIELDS OF HAY  
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	1025	1.53	9146	3.12	4888	1.50	13769	2.57
1930	1362	1.47	9940	2.47	2919	.90	13660	2.18
1931	528	.84	11623	2.12	2026	1.11	16205	1.89
1932	407	1.53	12449	2.60	1395	1.22	17179	2.26
1933	1146	1.06	13397	1.89	1400	.55	22592	1.45
1934	334	.98	13015	1.92	1300	1.03	26310	1.34
1935	271	1.25	14049	1.91	1379	.27	21101	1.65
1936	160	.55	16268	1.20	1354	.69	22981	1.05
1937	186	1.70	19466	2.03	1316	1.35	23842	1.89
1938	239	1.20	16342	2.30	970	1.50	21009	2.10
10 Yr. Ave.	566	1.27	13570	2.09	1895	1.08	19865	1.76

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 3  
LAND UTILIZATION AND YIELDS

## Ashton Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	87	22735	261	8226	45	1714	39	7086	19	286	26
1930	87	26452	304	9393	29	2165	48	10283	25	345	21
1931	83	23347	281	10433	37	2438	45	6457	24	186	30
1932	78	22901	294	10164	40	2741	41	2779	14	203	20
1933	84	23550	280	11355	43	3610	30	3583	19	702	20
1934	80	24304	304	8081	20	1805	18	336	6	203	13
1935	79	23680	300	8701	37	3297	37	5907	21	326	27
1936	79	25214	319	11375	7	1827	18	5714	20	146	10
1937	74	23980	324	9706	34	1044	51	7703	26	83	36
1938	75	23963	320	9537	36	1136	42	7284	14	146	33
10 Yr. Ave.	81	24013	298	9697	35	2178	36	5713	21	263	23

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	239	10	-	-	-	-	-	331	536
1930	200	12	16	16	-	-	-	428	453
1931	132	20	-	-	-	-	30	415	426
1932	290	8	5	27	-	-	-	392	441
1933	30	13	-	-	-	-	74	628	657
1934	-	-	-	-	-	-	12	482	706
1935	44	14	-	-	-	-	64	835	935
1936	-	-	-	-	-	-	-	901	964
1937	-	-	-	-	-	-	-	911	925
1938	15	13	-	-	-	-	-	909	922
10 Yr. Ave.	95	12	2	18	0	0	18	623	696

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	540	1859	353	926	-	556	414
1930	415	1614	1	864	36	522	145
1931	142	1859	15	836	-	393	-
1932	98	2027	10	872	-	112	3159
1933	161	1694	40	937	-	509	198
1934	146	1912	42	975	10	288	9788
1935	118	1766	187	1000	8	592	735
1936	193	1602	132	921	4	461	1875
1937	229	1912	78	868	-	415	1017
1938	12	2044	31	922	-	474	1440
10 Yr. Ave.	205	1829	89	912	6	432	1877

10 Yr. Ave. Acres - Rye 40

Popcorn 2 Flaxseed 32

(Acreages also shown in "All Other Crops.")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 4  
LAND UTILIZATION AND YIELDS

## Belvidere Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	83	20180	243	8145	41	724	31	1104	24	440	27
1930	83	20820	251	8541	23	927	33	2385	22	460	21
1931	83	20755	250	8431	30	686	30	2959	30	254	19
1932	83	20905	252	8422	41	885	30	2168	13	289	14
1933	88	20151	229	8913	29	810	14	1820	22	343	11
1934	86	22658	263	5908	10	35	5	100	7	-	-
1935	84	22276	265	6957	34	1677	22	2881	21	468	22
1936	82	22527	275	10387	10	253	14	981	15	215	8
1937	81	22452	277	9070	36	914	36	2745	20	224	32
1938	79	22564	286	8837	41	714	31	2551	19	193	27
10 Yr. Ave.	83	21529	259	8361	31	762	27	1969	21	289	20

Year	SPR. WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	18	379	389
1930	73	16	-	-	-	-	55	-	389
1931	-	-	-	-	-	-	42	490	518
1932	-	-	-	-	-	-	27	542	923
1933	-	-	-	-	-	-	24	600	951
1934	-	-	-	-	-	-	4	542	1028
1935	92	11	3	3	-	-	12	661	1460
1936	20	15	-	-	-	-	56	699	1131
1937	-	-	-	-	-	-	-	793	1281
1938	184	19	-	-	-	-	31	735	1180
10 Yr. Ave.	37	16	.3	3	0	0	27	544	925

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	1480	5694	193	497	-	655	841
1930	677	5447	190	543	-	573	560
1931	270	5766	243	563	-	773	250
1932	315	5787	50	620	18	585	816
1933	221	5621	8	647	-	658	135
1934	212	6060	22	666	157	2460	6006
1935	238	5139	206	713	373	1225	832
1936	300	5206	60	725	70	1385	1738
1937	220	4991	176	767	196	1377	491
1938	132	4840	197	719	-	1724	1262
10 Yr. Ave.	406	5455	134	646	81	1142	1293

10 Yr. Ave. Acres - Rye 50

Flaxseed 5 Popcorn 5

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 5  
LAND UTILIZATION AND YIELDS

10

Center Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	113	20156	178	8173	41	2675	30	128	25	294	29
1930	119	19284	162	8001	20	2534	26	162	22	136	23
1931	120	20153	168	8048	33	2763	30	199	35	208	24
1932	119	20249	170	8242	42	2541	27	96	6	170	19
1933	126	20372	162	8577	34	1618	8	48	14	135	7
1934	115	20026	174	6039	14	335	4	10	2	20	4
1935	113	19418	172	5951	16	2561	19	80	16	470	19
1936	109	19219	176	6090	4	701	7	179	19	187	6
1937	113	20328	180	6361	30	1562	27	619	21	208	18
1938	117	20496	175	6263	40	1895	25	493	14	137	25
10 Yr.Ave.	116	19971	172	7174	31	1924	24	201	20	202	20

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	54	13	-	-	-	-	72	487	719
1930	84	11	-	-	-	-	116	465	761
1931	50	22	-	-	-	-	86	678	879
1932	61	8	-	-	-	-	69	706	842
1933	25	4	-	-	-	-	108	723	1537
1934	-	-	-	-	-	-	36	532	1049
1935	60	5	-	-	7	-	21	550	1041
1936	9	19	-	-	6	3	-	690	1423
1937	6	17	-	-	-	-	42	1011	1392
1938	10	18	44	8	-	-	-	649	1164
10 Yr.Ave.	36	11	4	8	1	3	55	649	1086

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	100	5422	91	820	848	760	-
1930	51	5687	42	846	274	490	-
1931	60	5985	68	903	543	361	-
1932	34	4787	76	866	1512	953	-
1933	41	6092	130	893	322	777	19
1934	33	6132	122	877	494	628	4251
1935	37	5938	478	938	778	306	252
1936	18	6267	295	794	456	847	1947
1937	38	6377	802	809	399	667	546
1938	36	7488	848	831	291	938	58
10 Yr.Ave.	45	6068	295	858	592	723	707

10 Year Average Acres: Flaxseed 0 ; Rye 110 ; Popcorn 2 ; (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

\*Included in "All Tame Hay."

TABLE 6  
LAND UTILIZATION AND YIELDS

Cooper Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	125	22484	180	9486	47	3979	35	122	23	154	17
1930	129	22926	178	9396	29	4147	30	231	25	104	12
1931	128	22553	176	9458	32	3920	31	127	21	56	15
1932	129	22962	178	9685	42	3872	35	211	16	68	13
1933	136	22598	166	9991	30	4087	9	50	15	48	7
1934	130	22601	174	7639	8	2074	4	159	3	16	2
1935	126	22583	179	7822	23	4795	22	194	15	125	5
1936	133	23372	176	8791	3	3257	8	163	16	-	-
1937	127	22961	181	8611	24	5518	37	644	16	30	18
1938	130	23070	177	8320	39	5594	53	759	12	-	-
10 Yr.Ave.	129	22911	176	8920	31	3704	25	266	15	61	13

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	300	30	-	-	21	96	59	775	1236
1930	235	30	-	-	-	24	73	879	1356
1931	294	31	-	-	17	-	105	998	1430
1932	441	28	-	-	-	-	85	1074	1488
1933	248	10	-	-	-	18	90	991	1371
1934	64	6	-	-	-	-	89	1033	2309
1935	511	23	-	-	-	-	53	888	1253
1936	416	8	-	-	-	-	144	1363	1742
1937	274	32	-	-	-	-	115	1215	1709
1938	261	19	-	-	-	-	-	931	1502
10 Yr.Ave.	304	23	0	0	4	14	81	1015	1570

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	68	5485	121	988	3	452	-
1930	22	5770	116	1061	2	413	-
1931	35	5452	182	1120	-	346	11
1932	27	5410	111	1192	10	357	5
1933	13	5542	81	1071	49	142	15
1934	8	6835	164	1110	-	201	1803
1935	2	6047	257	1203	-	239	82
1936	11	7173	226	1234	-	30	130
1937	12	5991	608	1203	74	204	260
1938	10	6224	692	1235	-	197	476
10 Yr.Ave.	21	5918	256	1142	14	264	286

10 Yr. Ave. Acres - Rye 152

\*Included in "All Tame Hay."

Popcorn 7 Flaxseed 0

Source: Iowa Department of Agriculture,

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 7  
LAND UTILIZATION AND YIELDS

Fairview Township

Fairview Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	56	10628	190	5271	50	925	32	970	20	494	26
1930	57	10238	180	5279	39	1036	38	708	27	489	29
1931	54	9627	178	5208	32	1081	27	485	22	432	28
1932	57	10790	189	5497	45	1067	35	275	16	477	25
1933	61	10892	179	5806	46	1115	24	266	18	579	21
1934	64	12073	189	4848	19	1158	12	227	8	443	9
1935	59	10331	175	4607	42	1376	31	352	16	719	28
1936	55	11133	202	6008	5	949	20	269	22	601	18
1937	66	13371	203	6209	28	629	47	957	19	725	34
1938	64	14152	221	5593	27	644	35	1002	15	710	27
10 Yr. Ave.	59	11324	191	5433	34	998	29	551	19	567	25

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	312	9	-	-	-	-	4	219	273
1930	272	16	-	-	-	-	-	210	210
1931	331	18	-	-	-	-	-	205	327
1932	270	10	5	16	-	-	-	288	339
1933	133	20	-	-	-	-	-	261	395
1934	175	3	-	-	-	-	-	309	473
1935	396	12	-	-	-	-	-	474	488
1936	108	17	-	-	-	-	-	522	625
1937	89	16	-	-	-	-	-	704	763
1938	20	15	28	17	-	-	-	520	591
10 Yr. Ave.	211	13	3	17	0	0	.4	371	448

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	1058	218	648	17	433	5
1930	-	1318	161	516	-	236	13
1931	-	1089	112	532	15	15	-
1932	-	1318	136	628	528	250	-
1933	-	1740	130	576	24	104	24
1934	-	1556	101	559	562	350	1621
1935	-	1468	256	611	-	-	58
1936	30	1829	109	466	-	12	127
1937	-	3219	184	519	-	-	77
1938	-	3738	291	573	-	-	962
10 Yr. Ave.	3	1833	170	563	115	140	289

10 Yr. Ave. Acres - Rye 33Flaxseed 0 Popcorn 1

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay."

TABLE 8  
LAND UTILIZATION AND YIELDS

Franklin Township

Franklin Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	133	22368	168	10258	42	2204	35	3664	19	373	20
1930	132	20783	170	9372	25	2705	38	3040	25	204	25
1931	126	23064	183	11288	29	2558	33	2979	23	209	22
1932	126	22925	182	12024	41	2729	39	1474	17	297	16
1933	131	23630	180	12243	36	3464	24	1092	22	317	19
1934	138	24511	178	9795	17	1935	9	754	3	90	8
1935	135	24135	179	9965	32	3530	30	2509	20	138	26
1936	132	24197	183	10613	4	1825	17	2181	23	81	12
1937	132	24194	183	9753	39	1293	49	4833	25	68	32
1938	132	24144	183	9403	33	1371	36	4674	15	141	20
10 Yr. Ave.	131	23395	179	10471	31	2361	30	2720	20	192	20

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	500	16	3	29	-	-	100	310	537
1930	657	19	8	19	-	-	67	284	320
1931	448	28	5	4	-	-	-	327	536
1932	688	8	-	-	-	-	20	585	686
1933	280	18	-	-	-	-	10	559	891
1934	78	5	-	-	-	-	40	679	931
1935	447	12	-	-	-	-	65	1028	1150
1936	70	11	5	1	-	-	8	1219	1401
1937	32	15	-	-	-	-	30	1275	1367
1938	313	15	25	13	-	-	8	1307	1340
10 Yr. Ave.	351	16	5	13	0	0	35	757	916

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	20	3063	38	797	144	316	351
1930	50	3638	10	606	-	106	-
1931	40	4115	-	693	54	109	30
1932	15	3584	56	809	40	503	-
1933	30	3811	114	808	23	339	208
1934	20	4556	206	1034	58	410	4604
1935	16	4421	423	1000	38	405	28
1936	16	5387	47	950	55	206	1352
1937	-	5347	222	954	2	277	16
1938	19	3614	285	938	156	521	1336
10 Yr. Ave.	23	4154	140	859	57	319	792

10 Yr. Ave. Acres - Rye 25

Popcorn .2 - Flaxseed 2

(Acreages also shown in "All Other Crops.")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 9  
LAND UTILIZATION AND YIELDS

Grant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	119	22006	185	7773	41	1486	29	2298	21	5	20
1930	115	22239	193	7926	21	1530	24	2085	25	-	-
1931	112	22050	197	8458	29	1664	28	2110	25	-	-
1932	111	22351	201	9575	37	2005	30	1600	16	-	-
1933	116	22077	190	9768	34	1062	15	1078	20	-	-
1934	113	22038	190	5886	21	259	3	285	3	-	-
1935	113	22112	196	7000	28	1316	22	1787	19	-	-
1936	105	21413	204	8320	8	30	17	1348	18	10	8
1937	106	22030	208	7261	30	559	29	2114	23	21	23
1938	103	22007	214	7145	30	914	19	2287	16	-	-
10 Yr.Ave.	112	22037	197	7911	30	1132	25	1699	20	4	21

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	172	26	-	-	-	-	-	246	586
1930	96	17	-	-	-	-	79	332	461
1931	139	20	-	-	-	-	144	311	402
1932	177	22	-	-	-	-	-	-	263
1933	260	17	-	-	-	-	-	359	1375
1934	9	5	-	-	-	-	-	321	434
1935	235	20	12	16	-	-	-	242	242
1936	132	6	34	6	-	-	-	505	608
1937	253	26	43	12	-	-	-	652	727
1938	200	15	10	14	-	-	-	440	484
10 Yr.Ave.	172	20	15	9	0	0	33	341	533

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	7058	56	723	835	437	670
1930	75	7376	13	613	858	567	555
1931	31	7295	4	603	538	451	208
1932	5	8202	57	467	-	-	-
1933	-	8011	88	435	-	-	-
1934	-	10207	9	525	-	5	4419
1935	-	9997	61	577	-	276	109
1936	-	6930	156	743	827	776	1399
1937	-	6329	421	747	839	773	1493
1938	-	7079	136	807	452	788	1655
10 Yr.Ave.	11	7898	105	625	435	407	1051

\*Included in "All Tame Hay."

10 Yr. Ave. Acres - Rye 100

Popcorn 0 Flaxseed 0

(Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 10  
LAND UTILIZATION AND YIELDS

## Jordan Township

Jordan Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	145	21581	149	9162	43	2715	29	45	17	239	24
1930	144	21841	152	9341	22	2756	25	25	11	88	18
1931	143	21558	151	9664	30	2297	26	-	-	146	21
1932	140	21931	157	9775	38	2107	25	-	-	118	22
1933	144	22288	155	9961	25	1045	8	6	20	65	8
1934	147	21993	150	7414	10	176	7	-	-	20	4
1935	137	22031	161	7173	33	2555	20	-	-	125	23
1936	136	21280	156	7939	6	775	8	-	-	67	9
1937	129	20974	163	7908	28	1727	32	148	26	78	25
1938	130	22100	170	7779	37	2179	24	110	15	121	14
10 Yr. Ave.	140	21758	156	8612	30	1833	24	33	20	107	19

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	13	15	-	-	-	-	194	645	1078
1930	5	12	-	-	-	-	96	918	1131
1931	18	11	-	-	-	-	97	894	1347
1932	-	-	-	-	-	-	29	902	1470
1933	39	9	-	-	-	-	84	853	1965
1934	-	-	-	-	-	-	7	571	2581
1935	61	8	-	-	-	-	41	566	1608
1936	11	3	-	-	-	-	25	797	1621
1937	-	-	-	-	-	-	29	1083	1377
1938	12	4	-	-	-	-	41	932	1435
10 Yr. Ave.	16	9	0	0	0	0	64	816	1561

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	81	6240	16	1041	-	757	-
1930	56	6470	4	1251	-	618	-
1931	41	6212	-	1096	-	640	-
1932	28	6771	-	1026	-	607	-
1933	35	7393	12	1117	-	566	-
1934	21	9626	1	1068	-	1070	9
1935	29	8432	94	1044	-	869	-
1936	12	8592	40	1440	3	755	-
1937	18	7430	135	1057	-	1061	6
1938	24	8397	15	1073	31	883	-
10 Yr. Ave.	34	7556	32	1121	3	783	2

10 Yr. Ave. Acres - Rye 28Flaxseed 0 Popcorn 0

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 11  
LAND UTILIZATION AND YIELDS

Kennebec Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	121	24211	200	7946	38	919	30	1022	21	164	22
1930	120	25052	209	8558	22	1268	28	1251	26	253	14
1931	119	24099	203	8217	33	780	29	900	28	98	21
1932	118	24437	207	8005	37	838	32	829	11	77	19
1933	118	24940	211	8143	34	619	19	698	18	177	20
1934	124	24422	197	6580	16	170	7	364	2	75	8
1935	127	24482	193	6193	25	1242	24	1340	17	187	25
1936	124	24496	198	5558	8	469	14	711	23	90	14
1937	121	24495	202	6247	35	542	28	1797	27	106	19
1938	121	24453	202	6599	39	581	24	1218	17	73	25
10 Yr. Ave.	121	24509	202	7205	30	743	26	1013	21	130	19

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	38	19	-	-	-	-	52	278	792
1930	100	7	-	-	-	-	81	348	798
1931	77	20	-	-	-	-	26	388	980
1932	44	8	-	-	-	-	10	407	969
1933	20	15	2	10	-	-	43	501	1485
1934	-	-	-	-	-	-	-	541	696
1935	21	10	-	-	-	-	79	563	987
1936	10	8	-	-	-	-	39	636	750
1937	20	27	-	-	-	-	-	779	986
1938	14	17	-	-	-	-	5	782	989
10 Yr. Ave.	34	14	.2	10	0	0	34	522	941

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	203	11544	22	536	-	332	641
1930	70	11353	8	785	-	484	43
1931	78	11096	37	619	55	483	673
1932	21	11266	68	697	7	450	1156
1933	37	12108	93	594	-	326	595
1934	65	9595	105	868	210	969	4725
1935	81	11366	449	760	64	1065	648
1936	36	12253	190	950	201	1084	2155
1937	55	11355	451	950	85	1081	820
1938	47	10408	503	924	-	1284	1808
10 Yr. Ave.	69	11234	193	768	62	756	1326

10 Yr. Ave. Acres - Rye 81  
Popcorn 0 Flaxseed 0

\*Included in "All Tame Hay."

(Acreages also shown in "All Other Crops.") Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 12  
LAND UTILIZATION AND YIELDS

Lake Township

LEASING FARMERS

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	101	17339	172	7894	43	1532	35	2455	23	878	12
1930	99	17527	177	8082	30	1817	32	2721	26	659	15
1931	94	17556	187	8247	24	1770	30	2494	22	982	19
1932	94	17118	182	8438	37	1810	32	1609	17	892	7
1933	98	17461	178	8358	42	1810	25	1168	21	733	18
1934	98	17414	178	6970	14	1375	13	753	3	482	3
1935	98	17515	179	7085	37	2230	30	1686	17	838	12
1936	100	17548	175	8573	3	1326	18	1287	21	450	16
1937	101	17298	171	8183	29	1129	42	2617	24	232	14
1938	97	17404	179	7572	30	1100	34	2770	16	238	12
10 Yr. Ave.	98	17418	178	7990	30	1590	29	1956	20	638	13

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	636	21	-	-	-	-	-	458	537
1930	387	21	-	-	-	-	-	456	552
1931	288	28	-	-	-	-	-	420	482
1932	385	18	-	-	-	-	5	481	567
1933	755	23	-	-	-	-	8	599	993
1934	656	11	-	-	-	-	-	531	927
1935	1128	27	-	-	-	-	-	621	749
1936	882	14	-	-	-	-	-	786	899
1937	599	32	-	-	-	-	-	892	932
1938	789	30	7	6	-	-	17	678	764
10 Yr. Ave.	650	23	1	6	0	0	3	592	740

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	10	1880	81	905	129	371	31
1930	-	2055	42	899	-	303	10
1931	10	1961	13	848	-	461	-
1932	14	1868	38	869	-	473	150
1933	5	1639	57	924	5	452	54
1934	5	1778	93	957	14	440	2964
1935	8	1962	328	996	25	361	119
1936	8	2283	188	956	57	242	397
1937	10	1715	126	876	30	393	456
1938	17	1435	223	887	84	420	1081
10 Yr. Ave.	9	1858	119	912	34	392	526

10 Year Average Acres: Flaxseed 1 ; Popcorn 12 ; Rye 36 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

\*Included in "All Tame Hay."

TABLE 13  
LAND UTILIZATION AND YIELDS

## Lincoln Township

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	114	18192	160	7927	41	2095	26	3226	22	513	18
1930	127	19540	154	8757	34	2275	34	3310	28	225	28
1931	118	19350	164	9131	29	2058	27	2814	20	252	25
1932	118	19092	162	9584	40	2247	28	1547	13	211	17
1933	121	19197	159	9331	42	3064	24	1252	21	435	19
1934	124	19313	156	7571	17	1464	13	907	6	290	9
1935	124	19280	155	8344	39	3092	25	1917	19	621	23
1936	125	19241	154	8728	4	1204	13	2013	23	314	9
1937	115	19029	165	8570	33	823	37	4386	23	90	29
1938	113	19102	169	7668	34	919	34	4166	12	147	21
10 Yr. Ave	120	19134	160	8561	33	1924	26	2554	20	310	19

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	112	17	-	-	-	-	-	481	609
1930	157	20	2	40	-	-	2	525	620
1931	306	14	-	-	-	-	-	656	754
1932	138	10	4	20	-	-	7	810	1095
1933	42	14	-	-	-	-	67	851	1026
1934	47	3	-	-	-	-	40	886	1508
1935	122	9	-	-	-	-	24	1053	1181
1936	15	11	-	-	-	-	31	830	830
1937	-	-	10	14	-	-	17	1304	1322
1938	20	18	30	14	-	-	-	898	973
10 Yr. Ave	96	13	5	16	0	0	19	829	992

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feedlots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	25	2182	93	1041	-	369	-
1930	-	2553	132	1122	32	353	-
1931	-	1990	89	1137	-	779	40
1932	60	2352	92	1125	-	543	87
1933	23	1891	238	1110	-	592	126
1934	19	2015	158	1078	-	643	3573
1935	9	1848	317	1138	15	348	304
1936	16	1818	126	1017	155	99	2875
1937	16	1946	196	1148	251	165	89
1938	30	2468	316	1042	54	391	878
10 Yr. Ave	20	2106	176	1096	51	428	797

10 Yr. Ave. Acres - Rye 44

Flaxseed 0 Popcorn 0

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 14  
LAND UTILIZATION AND YIELDS

Maple Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	109	20041	184	8118	41	2440	29	137	23	176	15
1930	116	21353	183	9285	24	2814	21	264	24	45	15
1931	111	21550	194	8815	29	2838	25	251	21	46	15
1932	124	22345	180	9388	39	3019	31	242	18	45	14
1933	120	22243	185	9818	35	2604	10	181	17	87	9
1934	122	22548	185	7286	14	1116	5	147	3	55	2
1935	117	22180	190	7772	20	3255	23	168	18	131	8
1936	115	21975	191	7406	8	444	5	164	17	50	4
1937	116	22213	191	7586	21	2284	32	418	23	12	8
1938	119	23067	194	7476	37	2567	27	451	15	-	-
10 Yr. Ave.	117	22002	188	8225	30	2343	24	242	18	65	10

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	589	30	-	-	-	-	39	938	1084
1930	363	21	-	-	-	-	-	1070	1127
1931	350	25	-	-	-	-	-	1131	1158
1932	694	23	-	-	-	-	-	1204	1263
1933	736	11	-	-	-	-	133	1055	1127
1934	408	6	-	-	-	-	88	1095	2696
1935	955	26	-	-	-	-	223	938	1289
1936	665	8	-	-	-	-	166	1163	1403
1937	522	28	71	8	-	-	14	1129	1386
1938	832	22	2	20	-	-	55	861	1501
10 Yr. Ave.	612	20	7	8	0	0	72	1058	1403

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop- Land Acres
1929	10	6277	139	732	300	-	-
1930	5	6559	135	673	578	-	-
1931	10	6775	87	699	455	16	-
1932	10	5600	82	1209	511	272	10
1933	16	5447	91	1027	152	428	396
1934	20	7401	129	1021	243	561	1377
1935	15	6706	366	1048	31	793	128
1936	17	6987	342	1078	15	769	2469
1937	10	6806	739	1040	481	508	336
1938	23	7595	388	1157	-	614	406
10 Yr. Ave.	14	6615	250	968	277	396	512

\*10 Yr. Ave. Acres .. Rye 183

\*Included in " All Tame Hay :"

Popcorn 6 Flaxseed 10

Source: Division of Agricultural Statistics,  
(Acreages also shown in "All Other Crops") Iowa Department of Agriculture.

TABLE 15  
LAND UTILIZATION AND YIELDS

St. Clair Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	125	21798	174	9573	43	3553	25	84	23	280	20
1930	124	22514	182	9560	26	3844	29	50	20	251	25
1931	121	22270	184	9399	31	3552	31	51	32	339	24
1932	120	22074	184	9364	48	3621	37	36	26	595	26
1933	128	22536	176	9605	39	3472	8	35	24	300	11
1934	128	22390	175	7418	15	2634	5	46	5	135	7
1935	126	22675	180	7496	25	4476	21	80	13	728	20
1936	122	22323	183	8392	4	3222	6	86	13	267	10
1937	118	22423	190	8132	30	3161	36	401	24	267	28
1938	121	22353	185	8042	35	3524	27	422	17	234	23
10 Yr. Ave.	123	22336	181	8698	32	3506	23	129	20	340	20
Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	14	12	-	-	32	146	36	644	990		
1930	39	13	-	-	20	-	38	640	787		
1931	51	19	-	-	5	-	-	744	853		
1932	62	16	5	10	-	-	-	831	928		
1933	16	6	-	-	-	-	3	806	1567		
1934	-	-	7	1	-	-	16	892	1103		
1935	69	6	-	-	-	-	68	787	1059		
1936	22	19	-	-	-	1	120	637	1346		
1937	8	26	1	12	-	-	107	850	1070		
1938	26	11	-	-	-	-	48	619	869		
10 Yr. Ave.	31	13	1	5	6	15	44	745	1057		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	245	5247	23	1155	94	472	-				
1930	181	6584	104	1056	-	-	-				
1931	177	6240	23	1135	-	445	-				
1932	154	5870	57	1144	-	233	5				
1933	151	5946	46	1071	-	324	-				
1934	144	6959	61	1077	-	10	2780				
1935	100	7452	186	933	-	25	3				
1936	133	7161	117	924	6	223	304				
1937	93	7209	476	903	-	79	516				
1938	110	7013	331	1090	-	297	347				
10 Yr. Ave.	149	6568	142	1049	10	211	396				

10 Yr. Ave. Acres - Bye 31

Popcorn 9 Flaxseed 0

(Acreages also shown in "All Other Crops.")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 16  
LAND UTILIZATION AND YIELDS

Sherman Township

Shelburn Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	103	20935	203	9553	39	1808	35	4321	25	109	21
1930	102	21504	211	9681	28	1665	40	4324	19	24	29
1931	107	21716	203	10886	26	2092	34	3580	25	7	20
1932	104	21028	202	10959	45	2233	42	1771	21	116	23
1933	101	21596	214	10846	30	3025	21	1885	20	355	14
1934	113	21997	195	8396	17	1640	10	1823	3	35	8
1935	109	21630	198	8321	42	3344	27	3490	24	138	18
1936	115	21214	184	9265	5	1822	19	3915	24	141	13
1937	114	20852	183	8199	50	1338	53	5801	20	107	38
1938	118	21837	185	8465	36	1327	40	4610	18	149	30
10 Yr.Ave.	109	21431	197	9457	32	2029	31	3552	21	118	20

Year	SPRING WHEAT		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	1015	17	-	-	-	12	60	257	346
1930	1973	18	-	-	-	-	-	230	244
1931	1215	22	-	-	-	-	-	395	427
1932	1941	7	-	-	-	-	-	417	443
1933	1104	16	-	-	-	-	17	512	582
1934	1093	3	-	-	-	-	-	569	724
1935	1123	12	-	-	-	-	37	718	787
1936	613	16	-	-	-	-	4	827	827
1937	360	14	-	-	-	-	8	1177	1212
1938	1022	17	7	10	-	-	-	986	1005
10 Yr.Ave.	1146	14	1	10	0	1	13	609	660

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim-ber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	72	2423	37	848	-	325	18
1930	6	2150	197	704	-	437	99
1931	57	2486	33	725	-	158	50
1932	11	2250	32	819	-	325	128
1933	14	2380	61	848	-	142	337
1934	21	2376	64	917	87	278	4543
1935	7	2382	174	939	102	215	571
1936	-	2658	13	1006	16	129	805
1937	-	2536	75	1049	-	167	-
1938	-	2065	30	1167	16	477	1497
10 Yr.Ave.	19	2371	72	902	22	265	805

10 Yr. Ave. Acres - Rye 23

Flaxseed 19 Popcorn 1

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,

Iowa Department of Agriculture.

TABLE 17  
LAND UTILIZATION AND YIELDS

Sioux Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	99	23699	239	6835	40	597	35	1931	20	47	17
1930	76	22763	300	7178	34	859	29	4070	26	939	9
1931	83	23039	278	7308	27	544	27	4227	23	856	12
1932	82	23780	290	8206	40	797	30	2988	26	892	7
1933	81	22995	284	7712	31	538	17	2267	23	1165	11
1934	88	22486	256	5310	17	165	5	3836	4	112	3
1935	82	24602	300	6389	38	1683	24	4128	25	871	11
1936	82	22803	278	7729	10	256	14	2915	16	-	-
1937	81	22801	281	7178	44	623	36	3749	25	143	19
1938	84	22641	270	6489	38	634	29	3070	14	1112	12
10 Yr. Ave.	84	23161	276	7033	33	675	27	3318	20	614	11

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	257	22	-	-	-	-	5	155	430
1930	39	17	-	-	-	-	7	268	551
1931	30	41	-	-	-	-	30	337	700
1932	25	18	-	-	-	-	3	397	896
1933	158	8	-	-	-	-	30	496	1721
1934	21	4	-	-	-	-	-	450	1449
1935	54	21	-	-	-	-	-	538	655
1936	347	8	-	-	-	-	-	689	1210
1937	98	34	-	-	-	-	30	784	1276
1938	46	22	-	-	-	-	15	649	1130
10 Yr. Ave.	108	16	0	0	0	0	12	476	1002

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feedlots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	1251	7770	19	719	100	927	2811
1930	70	7598	17	548	119	541	227
1931	120	6483	25	712	913	1056	35
1932	68	7707	28	656	93	627	794
1933	72	7700	38	594	93	734	123
1934	67	7962	44	589	84	649	2198
1935	70	8099	471	693	13	892	584
1936	89	7937	117	644	-	532	977
1937	82	8032	196	639	16	653	81
1938	51	7733	140	629	30	592	970
10 Yr. Ave.	194	7707	110	642	146	720	880

10 Yr. Ave. Acres .. Rye 26

Popcorn 2 Flaxseed 0

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 18  
LAND UTILIZATION AND YIELDS

Soldier Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	139	22171	160	9742	42	3709	23	104	23	22	27
1930	132	21942	166	9861	26	3886	25	81	13	-	-
1931	135	22231	165	10095	31	3524	23	48	13	47	14
1932	127	22201	175	10325	39	3407	28	65	11	90	9
1933	137	23012	168	10719	34	3139	7	26	13	33	7
1934	137	22867	167	7816	16	1655	5	45	3	-	-
1935	137	23153	169	8169	32	4120	20	7	11	102	11
1936	136	22747	167	9261	5	2955	7	113	23	-	-
1937	131	22362	175	9278	34	3058	34	532	25	-	-
1938	128	23027	180	8740	32	3388	27	696	12	5	9
10 Yr. Ave.	134	22621	169	9401	31	3284	22	172	18	30	12

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	209	25	-	-	-	7	10	831	996
1930	149	28	-	-	-	-	14	741	1023
1931	272	28	-	-	-	-	38	936	1239
1932	241	19	-	-	-	-	-	965	1172
1933	418	6	-	-	-	-	-	1043	1134
1934	103	9	-	-	-	-	-	1005	1110
1935	605	20	-	-	-	-	29	840	952
1936	308	8	-	-	-	-	12	945	1421
1937	266	30	-	-	-	-	149	1286	1398
1938	287	21	-	-	-	-	206	1198	1359
10 Yr. Ave.	286	19	0	0	0	1	46	979	1186

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	202	6006	54	1070	10	7	30
1930	150	5042	30	1149	125	427	-
1931	112	5393	33	1185	-	195	-
1932	121	5499	23	1133	7	63	-
1933	114	5252	40	933	20	183	1001
1934	134	3641	99	967	-	99	2193
1935	111	7373	293	943	46	203	195
1936	164	7269	93	1009	-	12	130
1937	119	6251	153	1093	29	484	46
1938	105	6024	190	1046	29	737	215
10 Yr. Ave.	133	6276	101	1059	27	241	332

10 Yr. Ave. Acres - Rye 65

Popcorn 8 Flaxseed 0

(Acreages also shown in "All Other Crops")

\*Included in "All Tame Hay".

Source: Division of Agricultural Statistics,

Iowa Department of Agriculture.

TABLE 19  
LAND AND UTILIZATION YIELDS

Spring Valley Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	114	23715	208	9965	52	2387	34	98	24	35	19
1930	110	22109	201	9398	38	2411	29	24	28	11	15
1931	112	22429	200	9650	35	1769	28	57	21	6	10
1932	115	21957	191	9993	45	1551	32	30	22	-	-
1933	116	22155	191	10215	38	580	12	-	-	-	-
1934	110	21547	196	7292	21	332	3	20	2	-	-
1935	111	21943	198	8154	39	1670	24	37	11	162	7
1936	108	21719	201	9135	8	151	8	20	6	-	-
1937	105	21668	206	8878	35	901	35	313	28	-	-
1938	107	21394	200	8723	39	1481	30	310	16	20	9
10 Yr. Ave.	111	22064	199	9190	37	1321	28	91	21	23	9

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	142	25	-	-	-	-	78	639	894
1930	90	31	-	-	-	-	28	826	928
1931	130	24	-	-	-	-	146	1023	1401
1932	90	24	-	-	-	-	-	1130	1594
1933	126	5	-	-	-	-	55	1130	1988
1934	40	3	-	-	-	-	24	1066	2303
1935	182	16	4	9	-	-	62	1063	1839
1936	83	11	-	-	-	-	52	1128	1862
1937	164	24	-	-	-	-	24	1343	1723
1938	226	21	-	-	-	-	44	1078	1465
10 Yr. Ave.	128	20	.4	9	0	0	51	1043	1605

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	114	7943	15	940	359	745	-
1930	112	6742	21	1178	274	347	45
1931	132	6972	46	1160	343	577	40
1932	109	6557	95	1181	157	580	40
1933	145	6996	69	1016	223	499	243
1934	100	8569	524	1002	136	511	694
1935	195	7083	286	1072	218	585	346
1936	30	7654	115	970	206	531	905
1937	70	6912	449	955	173	575	531
1938	32	6395	252	1031	163	742	510
10 Yr. Ave.	104	7182	187	1050	223	569	335

10 Yr. Ave. Acres -- Rye 58

Popcorn 0 Flaxseed 0

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,  
(Acreages also shown in "All Other Crops") Iowa Department of Agriculture.

TABLE 20  
LAND UTILIZATION AND YIELDS

West Fork Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	84	25177	300	7545	38	1033	29	8846	17	140	12
1930	95	29450	310	8757	33	1097	41	12344	21	148	13
1931	83	29126	351	9951	33	1029	37	11818	22	168	19
1932	83	29828	359	9772	34	1583	33	8702	7	150	8
1933	85	29782	350	10811	43	2602	26	5804	17	978	15
1934	81	29789	368	7269	22	1291	14	6273	2	40	4
1935	85	29752	350	8076	39	2286	31	9779	18	101	14
1936	86	29678	345	7283	5	847	18	7401	24	20	20
1937	86	29604	344	7711	40	474	48	11332	24	390	9
1938	90	29589	329	9858	36	440	34	10765	13	234	12
10 Yr. Ave.	86	29178	340	8703	34	1268	30	9306	17	237	13

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	522	17	-	-	-	-	-	387	557
1930	315	24	-	-	-	-	5	414	595
1931	416	20	37	22	-	-	41	384	655
1932	604	16	-	-	-	-	30	374	445
1933	1106	18	-	-	-	-	116	436	493
1934	526	8	-	-	-	-	-	481	671
1935	867	26	108	17	-	-	28	617	963
1936	713	14	82	2	-	-	118	864	908
1937	391	35	30	6	-	-	39	1123	1185
1938	220	21	51	12	-	-	-	929	992
10 Yr. Ave.	568	19	31	11	0	0	38	601	746

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	162	3782	531	700	12	1247	10
1930	771	2863	431	1202	141	438	343
1931	561	2029	444	1185	209	583	-
1932	158	2569	280	1315	170	413	3637
1933	201	2619	77	1344	191	448	2992
1934	134	4243	339	1341	157	466	7039
1935	164	4247	262	1314	123	872	562
1936	154	4719	719	1356	59	827	4472
1937	202	4886	97	1391	116	799	561
1938	140	2737	97	1194	172	847	1842
10 Yr. Ave.	265	3469	328	1245	135	694	2146

10 Yr. Ave. Acres - Rye 53

Flaxseed 103      Popcorn 9

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,  
(Acreages also shown in "All Other Crops") - Iowa Department of Agriculture.

TABLE 21  
LAND UTILIZATION AND YIELDS

Willow Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	116	23174	200	9519	41	2968	31	174	27	10	13
1930	116	23202	200	9224	30	3236	28	75	25	26	22
1931	116	23239	200	9777	29	2714	28	24	19	10	24
1932	117	23070	197	9965	37	2831	30	30	17	8	10
1933	122	22315	187	9852	23	509	3	24	1	78	5
1934	116	23196	200	7744	16	379	7	105	3	6	2
1935	117	23197	198	8153	34	2725	16	52	10	82	8
1936	115	23096	201	8824	8	1240	9	53	8	48	9
1937	113	23073	204	9250	30	2036	31	344	24	23	9
1938	122	23099	189	8431	32	2665	24	268	9	101	12
10 Yr.Ave.	117	23116	198	9074	29	2135	25	115	17	40	10

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	96	33	-	-	-	-	94	558	1221
1930	50	27	-	-	-	-	98	789	1220
1931	27	30	-	-	-	-	112	818	1546
1932	35	22	-	-	-	-	25	842	1221
1933	78	2	-	-	-	-	94	817	1036
1934	-	-	-	-	-	-	153	841	2843
1935	151	19	-	-	-	-	136	730	2004
1936	50	11	-	-	-	-	177	804	1729
1937	94	25	-	-	-	-	238	820	1470
1938	124	20	22	14	-	-	379	972	1266
10 Yr.Ave.	70	21	2	14	0	0	151	799	1561

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	305	7174	76	986	-	526	25
1930	198	7503	39	839	-	644	-
1931	150	7531	64	837	-	447	-
1932	147	7107	48	958	-	599	46
1933	120	6529	69	808	-	408	3160
1934	151	9040	128	990	92	526	1039
1935	173	7659	235	974	83	556	214
1936	127	3476	162	996	120	463	631
1937	142	6836	394	1056	130	663	392
1938	182	7606	204	949	138	657	107
10 Yr.Ave.	170	7546	142	944	56	549	561

10 Yr. Ave. Acres Rye 61

Popcorn 2 Flaxseed 1

(Acreages also shown in "All Other Crops.")

\*Included in "All Tame Hay."

Source: Division of Agricultural Statis-  
tics, Iowa Department of Agriculture.





LAND UTILIZATION AND YIELDS  
Total Incorporated Town Data  
Blencoe, Castana, Mapleton, Moorhead, Onawa, Soldier, Ute, Whiting

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		SPRING WHEAT	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	65	4467	69	2288	47	461	30	377	19	97	10
1930	70	3362	48	1664	26	274	42	313	25	63	12
1931	60	3031	51	1610	32	322	38	124	27	63	25
1932	72	3642	51	2030	40	352	41	212	24	62	6
1933	72	3794	53	2005	43	586	25	85	22	25	24
1934	77	3801	49	1526	21	238	10	65	9	-	-
1935	73	3752	51	1687	36	560	33	247	24	-	-
1936	63	3356	53	1730	4	322	15	245	25	-	-
1937	53	3510	66	1567	38	165	49	631	23	8	30
1938	62	3048	49	1393	43	195	37	374	14	15	15
10 Yr. Ave.	67	3576	54	1750	35	348	31	267	22	33	14

Year	BARLEY		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	147	29	-	-	-	-	-	133	159
1930	10	35	-	-	-	-	-	117	129
1931	10	20	-	-	-	-	-	73	115
1932	69	25	-	-	-	-	-	102	134
1933	43	21	-	-	-	-	-	177	198
1934	35	11	-	-	-	-	-	189	269
1935	27	26	-	-	-	-	-	337	409
1936	-	-	-	-	-	-	-	263	281
1937	-	-	29	17	-	-	6	335	341
1938	4	25	-	-	-	-	-	269	278
10 Yr. Ave.	34	25	3	17	0	0	1	200	231

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	609	7	237	15	70	-
1930	10	689	2	149	5	38	16
1931	-	523	4	206	7	47	-
1932	-	489	2	241	3	43	5
1933	1	526	9	245	-	36	35
1934	-	703	20	289	10	74	572
1935	8	417	50	227	3	47	70
1936	-	324	1	182	1	105	165
1937	-	375	17	241	8	50	72
1938	-	442	29	192	10	48	68
10 Yr. Ave.	2	510	14	221	6	56	100

10 Yr. Ave. Acres - Flaxseed 0  
Popcorn 0 Rye 1

\*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,  
(Acreages also shown in "All Other Crops.") Iowa Department of Agriculture.

TABLE 23  
COUNTY LIVESTOCK NUMBERS  
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	7098	2581	1613	94	-	5549
1880	27683	6219	5868	291	12328	34180
1890	53729	11614	13483	1025	1556	68181
1900	47618	9473	14648	1154	222	72264
1910	35105	9788	15183	1356	1125	61544
1920	37571	10330	14013	1730	1268	85718
1925	36066	9776	12426	2284	977	94053
1930	34727	11119	11927	1518	3096	117906
1935	45263	12927	9507	1233	9397	62637
1936	45034	12072	8852	1155	5197	69099
1937	34421	11164	8442	1081	6188	48841
1938	37494	10363	7712	1003	7869	59453
1939	36970	11075	7698	950	5844	68357

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessor's figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 24 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessor's figures.

Includes Milk Cows.

TABLE 24  
LIVESTOCK NUMBERS  
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Ashton	358	49	1683	202	1506	393	53	1491	40	1371
Belvidere	338	27	1450	22	2096	314	30	1298	25	1767
Center	419	39	1819	383	2520	329	37	1271	148	1198
Cooper	531	49	3348	45	4398	493	57	2215	64	2020
Fairview	210	20	1298	62	878	211	18	749	19	571
Franklin	502	68	2010	1	1658	487	42	1249	800	1043
Grant	400	40	2500	125	1070	386	35	938	636	1171
Jordan	518	77	2686	100	4950	482	72	1915	36	3306
Kenneber	481	49	1787	404	2363	416	45	1516	263	1633
Lake	375	36	1205	84	1241	337	33	907	128	1006
Lincoln	444	90	1765	643	1517	437	75	1261	689	1150
Maple	536	58	2510	268	3134	473	53	1435	54	2016
St. Clair	573	58	2807	124	5013	443	45	1667	204	2653
Sherman	400	50	1950	50	1344	446	57	1432	12	1194
Sioux	274	33	1857	222	1834	263	33	1123	279	1868
Soldier	528	56	2764	198	5610	506	59	1751	304	3466
Spring Valley	416	64	3620	322	5419	413	75	1819	199	3770
West Fork	290	39	2099	32	1756	248	32	1408	101	1864
Willow	552	39	2939	89	5060	503	43	2071	48	3149
ALL TOWNS COUNTY	69 8214	7 948	372 42469	- 3376	428 53795	110 7690	4 898	261 27777	- 4049	187 36402
Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Ashton	324	47	1359	41	1291	294	47	1167	502	1272
Belvidere	270	33	1325	29	1590	268	29	1380	97	2295
Center	345	44	1328	311	1698	325	50	1362	199	2133
Cooper	457	49	2457	529	3344	448	48	2551	91	4273
Fairview	215	35	1109	655	1679	225	32	1066	70	922
Franklin	388	38	1196	56	871	390	46	1351	120	1378
Grant	346	34	1076	231	1130	338	29	1001	289	1407
Jordan	425	65	1739	323	3346	448	71	1939	234	4595
Kenneber	410	33	1512	323	1647	415	40	1636	264	2249
Lake	335	31	1051	58	1008	322	27	1120	51	1208
Lincoln	407	79	1490	925	1299	340	61	1198	838	1310
Maple	449	41	1822	96	2368	444	50	2029	105	2926
St. Clair	449	45	1865	473	3077	443	31	1809	377	4299
Sherman	412	57	1451	213	1503	399	52	1301	27	1748
Sioux	238	21	1284	514	1749	232	23	1067	157	2084
Soldier	438	57	1689	225	4019	423	46	1650	224	5381
Spring Valley	391	53	2337	287	4939	390	43	2366	396	6140
West Fork	248	22	1343	50	1907	394	23	1261	2	1922
Willow	478	62	2338	115	4398	502	56	2341	96	6285
ALL TOWNS COUNTY	64 7089	6 852	321 30092	15 5467	368 43231	64 7104	8 812	279 29874	62 4201	596 54423

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 23 for magnitude of the bias.

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 25  
CREAMERY STATISTICS  
1905-1939

Year	Number of Creameries in County	Butter Made	Butter Sold in Iowa	Butter Sold out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	1	40	*	40
1906	1	66	*	*
1907	1	98	*	*
1908	1	99	*	*
1909	1	87	*	*
1910	1	79	1	*
1911	1	78	1	*
1912	1	65	1	64
1913	2	75	6	69
1914	2	45	16	29
1915	1	21	2	19
1916	1	12	1	11
1917	1	10	*	10
1918	*	*	*	*
1919	*	*	*	*
1920	*	*	*	*
1921	*	*	*	*
1922	*	*	*	*
1923	*	*	*	*
1924	*	*	*	*
1925	*	*	*	*
1926	*	*	*	*
1927	*	*	*	*
1928	*	*	*	*
1929	1	70	8	62
1930	1	210	36	174
1931	1	359	53	292
1932	1	278	28	250
1933	1	225	32	193
1934	*	*	*	*
1935	1	224	44	172
1936	1	322	60	262
1937	1	282	44	237
1938	1	428	44	378
1939	*	*	*	*

The sum of the two columns "Butter Sold in Iowa" and "Butter sold out of Iowa" is not intended to equal the second column, "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

\*Not given in source.

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 26  
CHICKENS AND EGGS  
1880-1935

Year	CHICKENS	EGGS PRODUCED
	Number	Dozen
1880	40,136	91,290
1885	75,296	158,450
1890	171,022	518,549
1895	156,654	507,543
1900	166,398	905,050
1905	192,321	618,625
1910	261,784	1,006,874
1915	217,587	914,663
1920	235,147	964,848
1925	251,552	1,201,412
1930	256,957	1,519,768
1935	213,224	1,070,160

Source: U.S. Agricultural Census.  
Iowa State Agricultural Census.

TABLE 27  
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2,143	2,079	1,529	558	176	223	19	1	3	4
1932	2,110	2,069	1,522	356	172	268	21	4	4	1
1934	2,189	2,114	701	213	74	146	32	0	1	1
1936	2,122	2,052	914	498	70	277	153	<u>1/</u>	5	0
1938	2,112	2,054	1,352	824	113	280	199	<u>1/</u>	19	0
Average	2,135	2,074	1,204	490	121	239	85	2	6	1
Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	1	88	1,006	3	<u>1/</u>	13	30	33	164	137
1932	2	34	1,177	5	188	2	41	63	86	109
1934	5	23	1,228	13	459	3	9	284	180	116
1936	1	22	1,326	7	335	<u>1/</u>	<u>1/</u>	<u>1/</u>	126	106
1938	17	11	1,262	58	165	<u>1/</u>	<u>1/</u>	<u>1/</u>	340	97
Average	5	36	1,200	17	287	6	27	127	179	113
Year	GRASS SEED				LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover	All Pasture	Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	1	4	71	1,977	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1,532
1932	0	0	33	1,981	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1,399
1934	0	0	41	1,984	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1,383
1936	1	2	75	1,782	1,735	383	1,810	85	1,516	1,154
1938	0	0	61	1,905	1,716	335	1,815	111	1,536	1,412
Average	0	1	56	1,926	1,726	359	1,812	98	1,526	1,376
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	817	242	1,808	1,150	413	78	72	741	43	43
1932	651	198	1,526	448	518	65	80	655	116	23
1934	766	178	1,762	635	469	38	138	760	1,460	89
1936	875	170	1,706	920	199	2	103	692	676	196
1938	1,088	204	1,727	1,298	<u>1/</u>	<u>1/</u>	88	872	534	291
Average	839	198	1,706	890	400	46	96	744	566	128

1/ Not given in source.

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 28  
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	741	34.2	123915	30.3	154	7.1	37271	9.1
1930	755	35.2	124261	29.9	182	8.5	44789	10.8
1932	675	31.9	113406	27.3	206	9.7	56058	13.5
1934	701	32.0	111344	26.4	181	8.3	50727	12.0
1936	688	32.4	117041	28.0	188	8.9	53708	12.8
1938	720	34.1	124874	29.5	197	9.4	59901	14.1
1928 - 38 Average	713	33.3	119140	28.5	185	8.6	50409	12.1
Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1270	58.7	247365	60.6	2165	100	408551	100
1930	1205	56.3	246251	59.3	2142	100	415301	100
1932	1236	58.4	246127	59.2	2117	100	415591	100
1934	1307	59.7	259398	61.6	2139	100	421969	100
1936	1246	58.7	247731	59.2	2122	100	418530	100
1938	1192	56.5	238913	56.4	2109	100	423688	100
1928 - 38 Average	1243	58.1	247723	59.4	2141	100	417272	100

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 29  
YEARS OF TENURE  
January 1, 1935

Owners	Monona County		State of Iowa	
	Number of Farms	Per Cent of County Total	Number of Farms	Per Cent of State Total
On present farm less than 1 year	30	4.3	4442	5.2
1 year	25	3.6	3198	3.8
2 years	22	3.2	3282	3.8
3 years	31	4.5	2857	3.4
4 years	35	5.1	3228	3.8
5-9 years	85	12.3	11726	13.8
10-14 years	91	13.2	11279	13.2
15 years and over	372	53.8	45076	53.0
TOTALS	691	100.0	85088	100.0
Tenants				
On present farm less than 1 year	201	17.0	21763	20.1
1 year	157	13.3	15053	13.9
2 years	127	10.7	11555	10.7
3 years	107	9.0	8285	7.7
4 years	90	7.6	7564	7.0
5 years and over	503	42.4	43826	40.6
TOTALS	1185	100.0	108046	100.0

Source: U. S. Agricultural Census.

TABLE 30  
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934		1936	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0-9	16	.74	12	.56	15	.71	16	.73	12	.57
10-29	31	1.43	38	1.77	32	1.51	51	2.33	41	1.93
30-49	68	3.14	76	3.55	76	3.59	84	3.84	69	3.25
50-69	43	1.99	37	1.73	44	2.08	41	1.87	40	1.88
70-109	385	17.78	402	18.77	390	18.42	432	19.74	394	18.57
110-149	349	16.12	318	14.85	291	13.75	298	13.61	296	13.95
150-189	535	24.71	502	23.44	531	25.08	531	24.26	532	25.07
190-229	198	9.15	210	9.80	174	8.22	190	8.68	187	8.81
230-269	187	8.64	189	8.82	184	8.69	168	7.68	186	8.77
270-309	92	4.25	92	4.29	108	5.10	90	4.11	90	4.24
310-349	102	4.71	110	5.13	101	4.77	109	4.98	105	4.95
350-389	42	1.94	39	1.82	45	2.13	58	2.65	47	2.21
390-429	31	1.45	27	1.26	26	1.23	32	1.46	29	1.37
430-469	18	.83	15	.70	16	.76	16	.73	16	.75
470-509	20	.92	14	.65	21	.99	15	.69	16	.75
510-549	7	.32	9	.42	9	.43	9	.41	9	.42
550-589	8	.37	7	.33	6	.28	6	.27	8	.38
590-629	5	.23	7	.33	7	.33	3	.14	5	.24
630-669	8	.37	10	.47	7	.33	6	.27	4	.19
670-709	1	.05	4	.19	6	.28	4	.18	5	.24
710-over	19	.88	24	1.12	28	1.32	30	1.37	31	1.46
Total Farms	2165	100.00	2142	100.00	2117	100.00	2189	100.00	2122	100.00
									2109	100.00

Source: Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 31  
AUTOS, TRUCKS, TRACTORS, AND RADIOS  
1926-39

Year	Automobiles	Trucks	Tractors	Radios
1926	2025	112	510	427
1927	2113	170	557	682
1928	2271	184	690	889
1929	2265	224	782	1014
1930	2212	225	886	1171
1931	2179	251	901	1200
1932	2062	213	902	1098
1933	1807	215	758	615
1934	1863	206	835	668
1935	1941	189	829	744
1936	2006	175	937	942
1937	1856	181	1015	936
1938	1805	218	1172	1164
1939	1844	223	1257	1335

Division of Agricultural Statistics,  
Iowa Department of Agriculture.

TABLE 32  
ACREAGE OWNED BY CORPORATIONS  
January 1, 1937

Township	Insurance Companies	Banks	Land & Mtg. Companies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corporate Owned
Willow	2064	-	80	-	-	-	2144	9.64
Spring Valley	702	580	-	110	400	-	1792	8.37
Sioux	1759	680	840	200	247	372	4098	20.62
Sherman	720	640	120	-	160	320	1960	9.37
Soldier	2160	-	-	-	560	-	2720	12.14
Jordan	2720	80	40	306	480	-	3626	15.73
Belvidere	2378	96	1181	502	480	896	5533	27.70
Franklin	578	320	-	-	-	320	1218	4.55
St. Claire	2661	-	160	-	-	-	2821	12.91
Center	2116	360	160	280	1200	517	4633	23.59
Kennebec	2345	80	-	487	320	694	3924	16.57
Ashton	1436	-	120	160	-	120	1836	9.15
Lincoln	310	114	-	-	-	-	424	2.00
Cooper	2380	80	-	80	200	-	2740	12.05
Maple	1677	240	160	160	520	-	2757	11.97
Grant	2726	12	288	-	865	-	3891	16.93
Westfork	2130	240	760	640	310	210	4290	17.40
Lake	400	120	-	-	-	-	520	2.96
Fairview	-	-	-	-	-	-	-	-
Total	31260	3642	3909	2025	5742	3449	50927	12.56

Source: Department of Economics & Sociology  
Iowa State College.

TABLE 33  
ACREAGE OWNED BY CORPORATIONS  
January 1, 1939

Township	Insurance Companies	Banks	Land & Mtg. Companies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corporate Owned
Willow	2564	80	80	-	-	-	2724	12.25
Spring Valley	1160	570	-	110	400	-	2240	10.46
Sioux	1859	280	520	473	387	192	3711	18.67
Sherman	880	640	120	-	160	360	2160	10.32
Soldier	3640	400	360	160	880	-	5440	24.27
Jordan	3550	80	40	996	640	-	5306	23.02
Belvidere	2755	196	639	502	480	896	5468	27.38
Franklin	658	400	-	-	-	320	1378	5.15
St. Claire	3990	20	-	-	-	-	4010	18.36
Center	3466	360	120	633	1340	783	6702	34.13
Kennebec	2583	200	-	487	730	280	4280	18.08
Ashton	1596	-	120	-	-	120	1836	9.15
Lincoln	310	114	80	-	-	160	664	3.13
Cooper	2960	80	-	80	200	-	3320	14.60
Maple	2457	320	-	480	600	-	3857	16.74
Grant	3246	140	368	-	436	-	4190	18.23
Westfork	1700	480	760	320	150	320	3730	15.13
Lake	400	120	-	-	-	-	520	2.96
Fairview	-	-	120	-	-	-	120	1.04
County Total	39774	4480	3327	4241	6403	3431	61656	15.20

Source: Department of Economics & Sociology.  
Iowa State College.

TABLE 34  
VALUE OF FARM LAND AND BUILDINGS  
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	1,169	150,941	-	-	3,376,779	22.37	2,889
1890	2,053	346,430	-	-	7,293,930	21.05	3,553
1900	2,491	386,780	12,084,550	1,851,220	13,935,770	36.03	5,594
1910	2,229	400,349	27,036,545	3,642,370	30,678,915	76.63	13,764
1920	2,166	383,956	63,526,844	7,389,173	70,916,017	184.70	32,741
1925	2,121	372,609	41,532,610	7,843,055	49,375,665	132.51	23,279
1930	2,170	405,596	38,081,798	8,648,970	46,730,768	115.22	21,535
1935	2,182	417,119	-	-	27,373,323	65.62	12,545

\*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: United States Census.

TABLE 35  
REAL PROPERTY AND MONEYS AND CREDITS TAXES  
COLLECTIBLE IN 1939, FOR ALL PURPOSES  
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 6,656.04	\$44,863.60	\$51,524.64
Soldiers' Bonus Tax	1,998.53	7,877.25	9,875.83
General County Tax	4,992.04	33,651.42	38,643.46
Court Expense Tax	1,031.65	6,972.60	8,004.25
Poor Tax	4,992.04	33,654.41	38,646.45
Insane Tax, State Hospital	1,164.77	7,768.25	8,933.02
Insane Tax, County Hospital	-	-	-
County School Tax	831.96	5,607.96	6,439.92
Soldiers' Relief Tax	831.96	5,607.78	6,439.74
General County Bond Tax	2,329.13	19,073.95	21,903.08
Court House Tax	-	-	-
Emergency Tax	3,328.01	22,435.54	25,763.55
Bovine Tuberculosis Eradication	831.97	6,608.37	6,440.34
Secondary Roads - Construction	-	-	-
Secondary Roads - Maintenance	6,056.74	99,849.63	105,906.37
District School Tax	94,363.50	284,276.28	379,144.78
City Tax	42,386.49	-	42,386.49
Miscellaneous Taxes	-	3,645.13	3,645.13
Total	173,301.36	580,897.17	754,199.03*

\*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,  
State Board of Assessment and Review.

TABLE 36  
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	3	3	3
2. 1 room rural elementary	95	95	92
3. 2 or more-room rural elementary	1	2	2
4. Elementary, not rural	10	10	10
5. Separately organized Jr. High	1	2	3
6. Jr. - Sr. High, one organization	1	-	1
7. Separately organized Sr. High	1	1	1
8. Regular High, 4 years or less	8	9	8
9. Junior College	-	-	-
Total Number of Schools	120	122	120

TABLE 37  
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	132	105	126
2. One room rural elementary	1461	1611	1339
3. Two or more-room rural elementary	37	87	73
4. Elementary, not rural	1746	1590	1403
5. *Jr. - Sr. High, one organization	342	391	715
6. Regular High, 4 years or less	623	775	711
7. Junior College	-	-	-
Total Enrollment in all Schools	4341	4559	4367

\*Includes enrollment for school Types 5, 6 and 7 in Table 36.

Source: Annual Report of County Superintendents to State Department of Public Instruction.

TABLE 38  
MILES OF ROADS BY TYPE  
January 1939

Type of Surface	Primary Roads Outside Corp.	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	54.40	645.77	700.17
Improved	-	24.32	248.05	272.37
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	56.6	69.86	5.60	132.06
Stone	-	-	-	-
Paved				
Bituminous	-	-	-	-
Concrete	44.9	-	-	44.90
Brick	-	-	-	-
County Total	101.5	148.58	899.42	1,149.50

Source: Annual Report  
Iowa Highway Commission, 1938.

